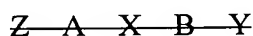


This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A hydrotreating catalyst comprising at least one element of groups VIB and group VIII of the periodic table ~~and optionally at least one of phosphorus and silicon~~ deposited on a porous substrate, and as an additive ~~an~~ at least one organic compound ~~containing at least one nitrogen atom, said organic compound being of the formula:~~



~~in which:~~

~~— X = CH₂, NH, NR, O, with R = H, alkyl or alkenyl;~~

~~— Z = CH₃, OCH₃, NH₂, NR₁R₂, Si(O-CH₃)₃, OH with R₁ and R₂ = H, alkyl or alkenyl;~~

~~— Y = CH₃, OCH₃, NH₂, NR₃R₄, Si(O-CH₃)₃, OH with R₃ and R₄ = H, alkyl or alkenyl;~~

~~— A = O, NH, (CH₂)_t with t = 1 to 11, C_nH_{2n-2} with n = 1 to 11, or else~~

~~and~~

~~- B = O, NH, (CH₂)_t with t = 1 to 11, C_nH_{2n-2} with n = 1 to 11, or else~~

selected from the group consisting of hexamethylene diamine, monoethanolamine,

diethanolamine, triethanolamine, N,N-dimethyl-N'-ethylethylene diamine, an amino-alcohol and

an amino-alkoxysilane.

Claim 2 (Cancelled)

Claim 3 (Currently Amended): A catalyst according to claim 2, ~~comprising 1,~~ comprising said compound that contains at least one primary, secondary and/or tertiary amine group wherein said ~~compound is~~ hexamethylenediamine, monoethanolamine, diethanolamine, triethanolamine or N,N-dimethyl-N'-ethylethylenediamine.

Claim 4 (Currently Amended): A catalyst according to claim 2 ~~1,~~ comprising said amino alcohol wherein said amino alcohol is 2(2-amino ethyl amino)ethanol, 2(2-amino ethoxy)ethanol, 2-amino-1-butanol, 4-amino-1-butanol, 2,2-diethoxyethylamine, 4,4-diethoxybutylamine, 6-amino-1-hexanol, 2-amino-1,3-propanediol, 3-amino-1,2-propanediol or 3-amino-1-propanol.

Claim 5 (Currently Amended): A catalyst according to claim 2 ~~1,~~ comprising said amino-alkoxy-silane wherein said amino-alkoxy-silane is (3-glycidoxypentyl)trimethoxy silane, 3-(2-aminoethylamino)propyl-trimethoxysilane or (3-aminopropyl)trimethoxysilane.

Claim 6 (Previously Presented): A catalyst according to claim 1, wherein the amount of said organic compound in the catalyst is 0.05 to 2.5 mol per mol of metal (metals) of group VIB and/or of group VIII deposited on the substrate.

Claim 7 (Previously Presented): A catalyst according to claim 6, wherein the amount of said organic compound in the catalyst is 0.1 to 1 mol per mol of metal (metals) of group VIB and/or group VIII deposited on the substrate.

Claim 8 (Previously Presented): A catalyst according to claim 1, wherein said porous substrate comprises at least 40% by weight of alumina.

Claim 9 (Previously Presented): A catalyst according to claim 8, wherein said porous substrate consists essentially of alumina or silica-alumina.

Claim 10 (Currently Amended): A catalyst ~~that is obtained from a catalyst~~ according to claim 1 in calcined form.

Claim 11 (Previously Presented): A catalyst according to claim 1 in sulfurized form.

Claim 12 (Previously Presented): A process for preparation of a catalyst according to claim 1, comprising impregnation of a porous substrate by the metal or metals of group VIB and/or group VIII and the deposit on said substrate of said organic compound.

Claim 13 (Currently Amended): A process according to claim 12, ~~wherein it comprises~~
comprising:

an impregnation stage of the porous substrate by the metal or metals of group
VIB and/or group VIII;
a drying stage; and
a stage for depositing said organic compound.

Claim 14 (Previously Presented): A process according to claim 13, wherein the drying stage is followed by a calcination stage.

Claim 15 (Previously Presented): A process according to claim 12, comprising:

- a simultaneous impregnation stage of the metal or metals of group VIB and/or of group VIII and of said organic compound; and
- a drying stage.

Claim 16 (Previously Presented): A process according to claim 15, wherein the drying stage is followed by a calcination stage.

Claim 17 (Previously Presented): A process according to claim 12, wherein it comprises:

- a stage for depositing said organic compound;
- a drying stage; and
- a stage of impregnation of the porous substrate by the metal or metals of group VIB and/or group VIII.

Claim 18 (Currently Amended): A process according to claim ~~1~~ 12, further comprising a sulfurization stage.

Claim 19 (Previously Presented): A process according to claim 18, wherein the organic compound is present in the sulfurization feedstock and is deposited during the sulfurization stage.

Claim 20 (Previously Presented): In a catalytic process comprising at least one of hydrodesulfurization, hydrodenitrification, hydrodemetallization, hydrogenation or hydroconversion of a petroleum fraction the improvement wherein the catalyst is according to claim 1.